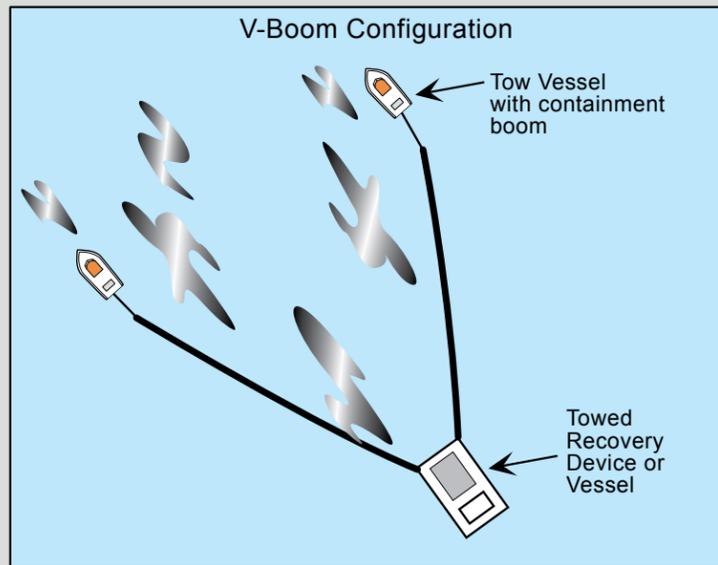


An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Free-oil Recovery Tactic*. Actual deployment should be adjusted for local conditions.

**Map Legend**

- Free-oil Recovery
- Passive Recovery
- Snare or Sorbent Boom

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

# Geographic Response Strategies for Western Alaska Subarea, Southern Zone

## Kinia River, WAK-S03

Center of map at 60° 10.76' N Lat., 164° 30.01' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-03-01 	<b>Kinia River</b>  a. Lat. 60° 10.89'N Lon. 164°28.69'W  b. Lat. 60° 10.85'N Lon. 164°28.09'W  c. Lat. 60° 10.42'N Lon. 164°27.33'W	<b>Passive Recovery</b> Survey the area prior to deployment. Place passive recovery across entrances to the identified sloughs and other major cuts in the Kinia River.	Place and anchor snare line or sorbent boom across the main channel and the sloughs of the Kinia River.  Replace as necessary to maximize the recovery.  <u>Boom Lengths:</u> a. 200 ft. b. 200 ft. c. 1200 ft.	<b>Deployment</b> <b>Equipment</b> 1600 ft. snare line or sorbent boom 8 ea. small anchor systems 12 ea. anchor stakes (Adjust equipment to reflect survey findings) <b>Vessels</b> 2 ea. class 6 <b>Personnel/Shift</b> 4 ea. vessel crew/general techs 2 ea. response techs <b>Tending</b> <b>Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew/general techs 1 ea. skilled tech	Chefornak	Via marine waters  Chart 16606	Fish- intertidal spawning-herring(June)  Birds-waterfowl, seabird and shorebird concentration  Habitat- exposed tidal flats, peat shoreline, marsh,  Human use-subsistence	Vessel master should have local knowledge.  THREATENED OR ENDANGERED SPECIES/ HABITAT POSSIBLE. Discuss with DOI prior to on-site operations.
S-03-02 	<b>Kinia River</b> Nearshore waters in the general area of:  Lat. 60° 10.76'N Lon. 164°30.01'W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Kinia River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Kinia River.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Chefornak	Via marine waters  Chart 16606	Same as S-03-01	Vessel master should have local knowledge.  Use extreme caution, shallow waters with shifting channels and bars.